

**Water-dispersed coating composition suitable for electrocoating processes.****Patent number:** EP0004090**Publication date:** 1979-09-19**Inventor:** PATZSCHKE HANS-PETER DR; GOBEL ARMIN**Applicant:** HERBERTS & CO GMBH (DE)**Classification:****- International:** C25D13/06; C08G59/00; C09D3/58; C09D3/72;  
C08G18/00**- european:** C08G18/08B3C, C09D5/44K4, C08G18/10**Application number:** EP19790100735 19790312**Priority number(s):** AT19780001766 19780313**Also published as:**

US4364860 (A1)



US4252703 (A1)



JP54158442 (A)



ES478541 (A)



EP0004090 (A3)

[more >>](#)**Cited documents:**

US3793417



US3975251

Abstract not available for EP0004090

Abstract of correspondent: **US4252703**

A cathodically depositable aqueous electro-dipping lacquer coating which contain as binder, which binder can be diluted with water by protonization with acids, 55 to 95% by weight based on the total quantity of binder, of organic synthetic resin binders containing amino groups, having an average molecular weight (Mn) of about 500 to 10,000, a pK<sub>b</sub> value of about 3 to 7 and an amine value of about 30 to 150 and 45 to 5% by weight of cross-linking agents having an average molecular weight (Mn) of about 500 to 5,000, which contain esterified terminal carboxyl groups.

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